NOV 1 0 2003

Form PTO-1595 (Rev. 10/02)
OMB No. 0651-0027 (exp. 6/30/2005)

Tab settings ⇨ ⇨ ⇨ ▼ ▼ ▼ ▼ ▼ ▼ ▼

RECORDATION FORM COVER SHEET
PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):	2. Name and address of receiving party(ies)

1. Name of conveying party(ies):

LSI Logic Corporation

COPY

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: VIA Telecom Co., Ltd

Internal Address: RECEIVED NOV 1 3 2003 Technology Center 2600

Street Address: 3390 Carmel Mountain Rd.

City: San Diego   State: CA Zip: 92121

3. Nature of conveyance:

☑ Assignment   ☐ Merger

☐ Security Agreement   ☐ Change of Name

☐ Other_____

Execution Date: 10/23/2003

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:_____

A. Patent Application No.(s) 08/653,675

B. Patent No.(s) 5,799,091

Additional numbers attached? ☑ Yes ☐ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: L. Howard Chen

Internal Address:_____

Street Address: Duane Morris LLP

One Market, Spear Tower, Ste. 2000

City: San Francisco State: CA Zip: 94105

6. Total number of applications and patents involved: 40

7. Total fee (37 CFR 3.41)..............$ 1600.00

☐ Enclosed

☑ Authorized to be charged to deposit account

8. Deposit account number:

04-1679

COPY

DO NOT USE THIS SPACE

9. Signature.

L. Howard Chen, Reg. No. 44,615	_Howard Chen_	11-7-2003
Name of Person Signing	Signature	Date

Total number of pages including cover sheet, attachments, and documents: 7

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

ASSIGNMENT

This Assignment is made by, Assignor, LSI Logic Corporation, a Delaware corporation to VIA Telecom Co., Ltd., Assignee, a Cayman Islands Corporation and having a place of business at 3390 Carmel Mountain Rd., San Diego, CA 92121.

WHEREAS, Assignor is the owner of the United States Patents and Patent Applications identified in the Assignment Attachment attached hereto and incorporated herein by this reference as though fully set forth at this point, and foreign counterparts to those patents and applications, as well as, continuations, continuations-in-part, divisionals, re-issues or re-exams, pertaining thereto (the "Patents") and the inventions covered thereby (collectively, with the Patents, the "Patents and Related Property").

WHEREAS, Assignee desires to acquire from the Assignor the entire right, title and interest in, to and under the Patents and Related Property.

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged by the parties, Assignor hereby sells, assigns and transfers to Assignee, the entire right, title and interest in the Patents and Related Property, including the right to file foreign applications directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise.

Further, Assignor agrees that Assignor will execute all documents and take all other reasonable steps that are required of it entirely at the cost of Assignee or Assignee's designees, which Assignee shall appoint within its sole and complete discretion, to assist in the perfection, completion of any application and preservation of each and every patent and/or application that is part of the Patents within a reasonable time after a request made by Assignee that Assignor do so.

Assignor represents and warrants that it has not granted and will not grant to others any rights inconsistent with the Agreement for the Sale and Assignment of Patents between the Parties, executed March 11, 2003.

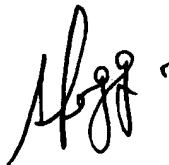Atty. Docket No.: N1194.00001

Assignor authorizes and requests the Commissioner of Patents and Trademarks of the United States and of all foreign countries to issue any Letters Patents granted for said inventions, whether on said applications or on any subsequently filed division, continuation, continuation-in-part, re-exam or re-issue applications, to Assignee, its successors and assigns, as the assignee of the entire interest in said invention.

IN WITNESS WHEREOF, Assignor has executed this Assignment on the date written hereinbelow.

Assignor

_____10/23/05_____
Date

_____
Sandeep Jaggi
Chief IP Counsel and
Assistant Corporate Secretary

Recordation Form Cover Sheet (form PTO-1595) cont'd

No. 4 additional applications numbers:

U.S. Serial No.	U.S. Patent No.
08/877,215	5,950,120
08/877,217	5,995,820
08/955,499	6,091,762
08/956,206	6,064,691
08/969,219	5,987,056
09/031,078	6,169,752
09/035,223	5,923,761
09/049,962	6,088,602
09/255,032	
09/280,778	
09/430,994	6,370,672
09/436,998	6,445,727
09/440,770	
09/441,321	
09/586,840	
09/632,081	
09/686,786	
09/687,199	
09/687,201	
09/687,700	
09/783,729	
09/834,417	
09/905,529	
10/007,383	
10/033,642	
10/033,799	
10/056,819	
10/076,925	
10/080,728	
10/080,751	
10/099,815	
10/197,965	
10/198,303	

U.S. Serial No.	U.S. Patent No.
10/254,921	
10/264,021	
10/269,523	
60/378,919	
60/379,375	
60/386,979	

ASSIGNMENT ATTACHMENT

Title/Description	U.S. Serial No.	U.S. Patent No.
Single Chip Solution For Multimedia GSM Mobile Station Systems	08/653,675	5,799,091
Apparatus And Method For Shutdown Of Wireless Communications Mobile Station With Multiple Clocks	08/877,215	5,950,120
Apparatus And Method For Calibration Of Sleep Mode Clock In Wireless Communications Mobile Station	08/877,217	5,995,820
Method And Apparatus For Quick Acquisition Of Pilot Signals Using Bank Switching Method	08/955,499	6,091,762
Method And Apparatus For Acquisition Of The Strongest Pilot Signal	08/956,206	6,064,691
PN Sequence Hopping Method And System	08/969,219	5,987,056
Method And System For Preventing Information Losses During Alternative Frequency Searches.	09/031,078	6,169,752
Single Chip Solution For Multimedia GSM Mobile Station Systems	09/035,223	5,923,761
High Resolution Frequency Calibrator For Sleep Mode Clock In Wireless Communications Mobile Station.	09/049,962	6,088,602
Accelerated Base Station Searching By Buffering Samples	09/255,032	
Accelerated Message Decoding	09/280,778	
Determining the Received Data Rate in a Variable Rate Communications System	09/430,994	6,370,672
Method And Apparatus For Quick Acquisition Of Pilot Signals Using Bank Switching Method	09/436,998	6,445,727
Sequence Hopping of Gold Codes for Power Savings	09/440,770	
Sequence Hopping of Truncated Pseudo-Noise Sequences for Power Savings	09/441,321	
Narrow Band Analog System Searching with Wide Band Receiver	09/586,840	
Adaptive Antenna Method and Apparatus	09/632,081	
Frame Matching Method	09/686,786	
Method and Apparatus for Initiating a Reverse Link Intergenerational Handoff in a CDMA Communication System	09/687,199	
Reverse Link Inter-Generation Handoffs In CDMA Systems	09/687,201	
Frame Matching Method	09/687,700	

Title/Description	U.S. Serial No.	U.S. Patent No.
Forward Link Power Control During The Inter-Generation Handoffs In CDMA Systems	09/783,729	
Fast Feedback Channel With Flexible Bit Reliability For Wireless Communications	09/834,417	
Augmenting Existing Data Puncturing Pattern for Frame Matching	09/905,529	
Estimation of Forward Link Signal-to Noise Ratio	10/007,383	
Digital Phase Equalization for CDMA Direct Conversion Receiver	10/033,642	
Inter-Chip Interference Reduction for CDMA Wireless Communications	10/033,799	
Method and Apparatus for Performing Cell Selection Handoffs in a Wireless Communication System	10/056,819	
Method and Apparatus For Applying Overlaid Perturbation Vectors for Gradient Feedback Transmit Antenna Array Adaptation	10/076,925	
Method And Apparatus For Improving Transmit Antenna Weight Tracking Using Channel Correlations In A Wireless Communication System	10/080,728	
Method and Apparatus for Generating Transmit Adaptive Antenna Weights With Nulling Using Binary Gradient Feedback	10/080,751	
TDM/TDM F-PDCH For Small Packet Size	10/099,815	
Multiple Transmit Antenna Weighting Techniques	10/197,965	
Transmit Antenna Multi-Mode Tracking	10/198,303	
VitaPhone: Method And Apparatus For Monitoring And Recording Of Vital And Ambient Functions And Transmitting Them Over The Air.	10/254,921	
Synchronization of Mobile Station Location Measurement With CDMA Service	10/264,021	
Enhanced Packet Data Connection	10/269,523	
Transition from Control Hold to Active State for CDMA System	60/378,919	
Fast Traffic Channel Reconnection with Base Station Assistance	60/379,375	
Power Control for the TDM/TDM or TDM/CDM Control Channels for Multiuser CDMA Packet Data Channel	60/386,979	

Atty. Docket No.: N1194.00001